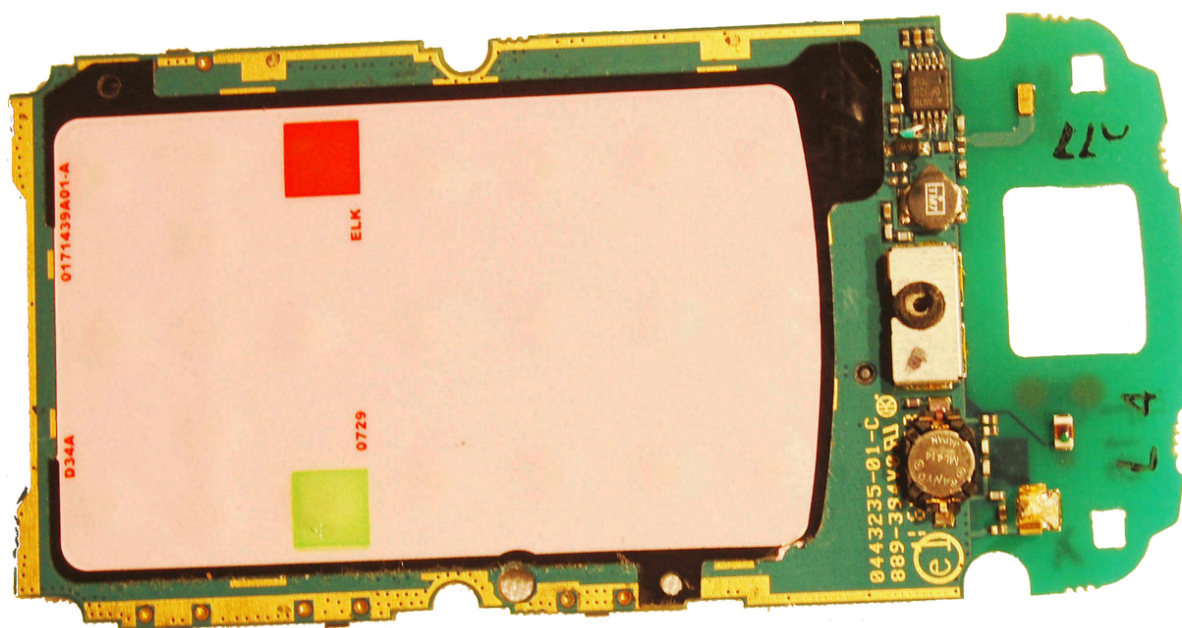




# Motorola W490 Keypad Replacement

This guide demonstrate how to remove or replace the keypad.

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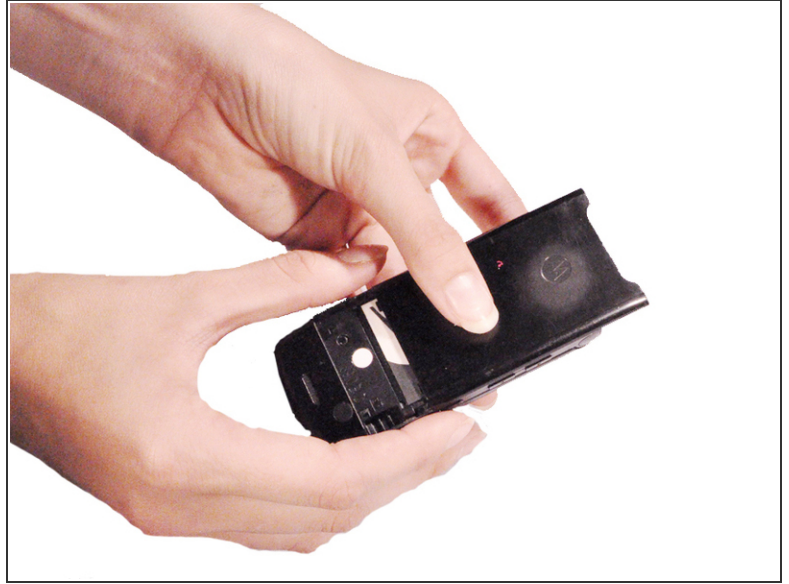




## TOOLS:

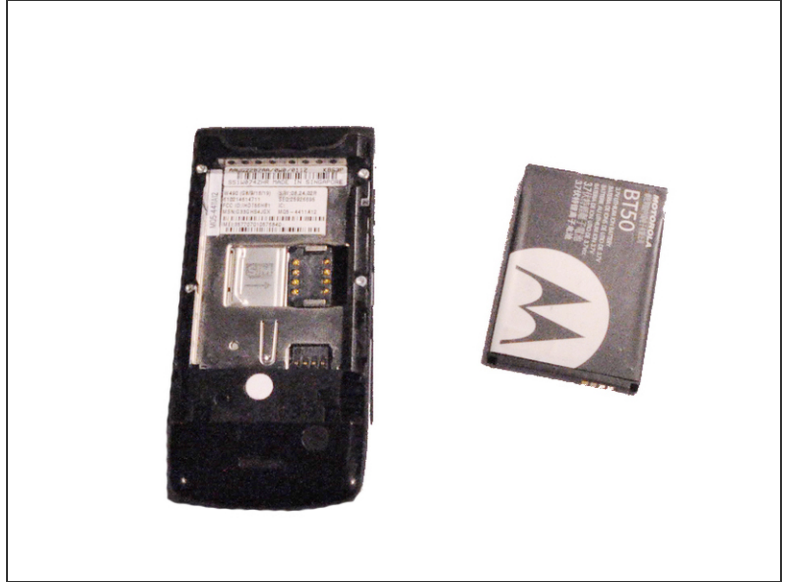
- [iFixit Opening Tools](#) (1)
  - [Push Pin](#) (1)
  - [T5 Torx Screwdriver](#) (1)
  - [T6 Torx Screwdriver](#) (1)
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## Step 1 — Phone Casing



- Pick up the cell phone with the back facing towards you.
- Push down on the silver tab located at the top center of the back of the Motorola W490 cellphone.
- While pushing down on the silver tab, slide the back cover towards the silver tab. Remove the back cover.

## Step 2 — Battery



- Remove the battery by pulling the battery from the top corners labeled "Pull Here" located on either side of the top of the battery.
- Set the battery aside.

## Step 3 — SIM Card



- Use a plastic opening tool to make a gap between the SIM card and the phone.
- Use your thumb and index finger to pull the SIM card from the phone.



## Step 4 — Keypad Membrane



- Open phone so the keypad is facing up.

## Step 5



- Insert a push pin into the notch located on the left side of the keypad and push the pin under the keypad membrane.

## Step 6



- Continue working the pin under the keypad membrane until it is elevated enough to grasp.

## Step 7



- Grasp the keypad membrane firmly and remove it from the phone.

## Step 8 — Lower Metal Frame




- After taking out the battery, locate four star-shaped 5.4 mm T6 screws on top and middle of the rear of the phone. Indicated by the red circles.
- Remove all the screws using the Torx T6 Screwdriver.



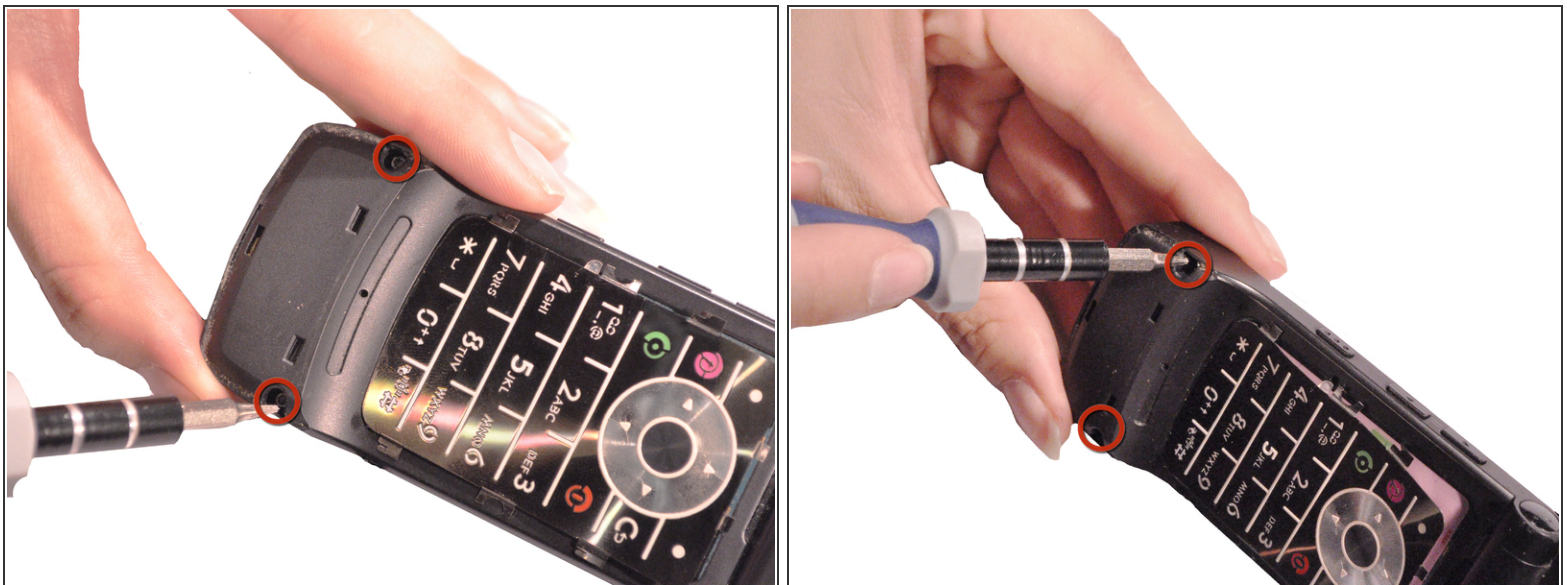
## Step 9



- Turn over the phone to the front side and open up the phone, displaying the keypad.
- Use a plastic opening tool or your fingernail to make a gap between the front bottom cover and the phone.
- Pull and set the glued plastic cover aside.

 Be careful not to break the plastic cover when making a gap or pulling. The plastic cover is superglued to the phone.

## Step 10



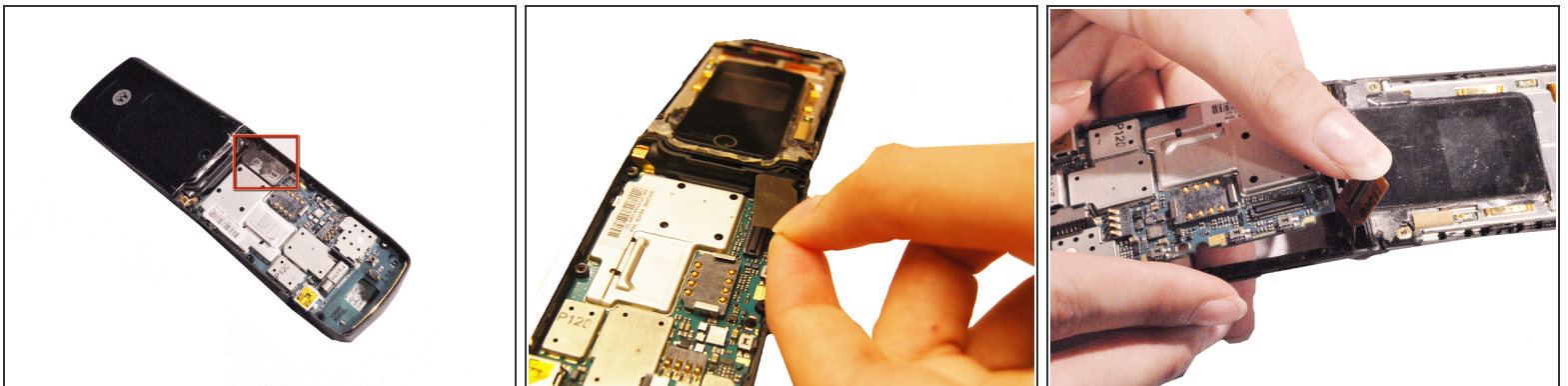
- Under the plastic cover, locate two star-shaped T5 screws.
- Use the Torx T5 Screwdriver to remove the two screws.

## Step 11



- Turn over the phone to the back side of phone where the battery was removed.
- Use hands to remove the unscrewed rear frame of the phone.
- Set aside the rear metal frame.

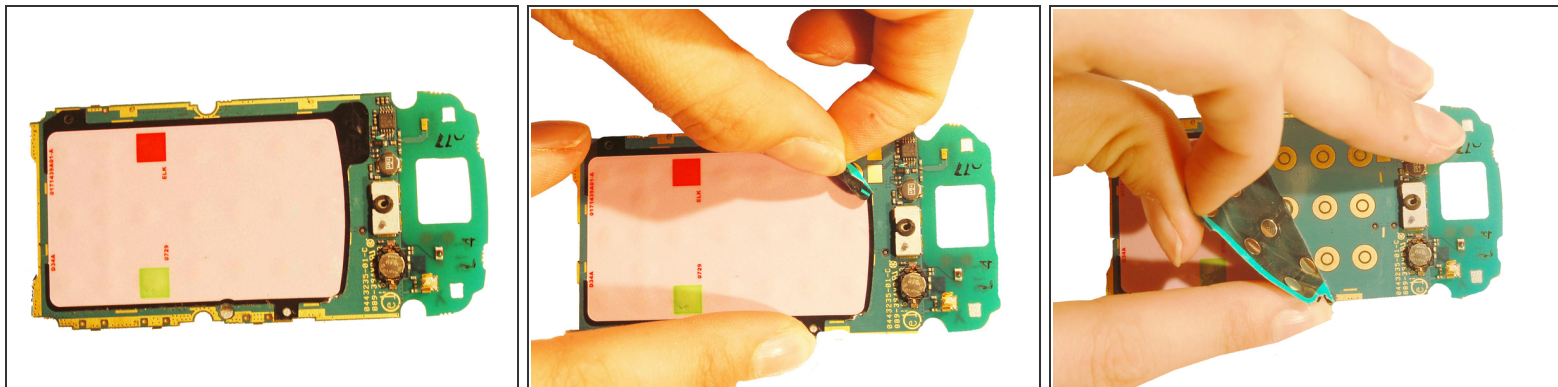
## Step 12 — Circuit Board



- Identify the flex cable attachment. Indicated in a red square.
- Detach the bottom half of the flex cable, pop it off of the circuit board.
- Pick up the loosened circuit board from the phone and set aside.



## Step 13 — Keypad



- Lay the circuit board down with the keypad facing up.
- Grab the corner of the keypad and gently peel it away from the circuit board.

To reassemble your device, follow these instructions in reverse order.

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